

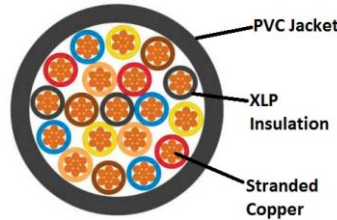
# basic wire and cable

3900 N. ROCKWELL ST. CHICAGO, ILLINOIS 60618-3730, TEL: (773) 539-1800, FAX: (773) 539-3500

## TYPE XLP-PVC

### CONTROL CABLE

XLP Insulation  
PVC Jacket  
600 Volts, 90°C



### APPLICATIONS:

Control or signal cable for important circuits in industrial plants and station control cable for electric utilities where flame resistance is essential. Suitable for the operation and interconnection of protective devices; rated circuit voltage 600 volts; recommended for operation at 90°C maximum continuous conductor temperature in wet or dry locations. Cables may be installed in open air, in ducts or conduits, in tray or trough, and are suitable for direct burial. Approved for direct burial, Class I, Division 2 industrial hazardous locations per NEC. Suitable for use as Wind Turbine Tray Cable.

### CONSTRUCTION:

Stranded copper conductors, XLP insulated, Method 1 - Table E1 or E2 color coded or Method 4 phase-identified, conductors twisted with suitable fillers, PVC jacket overall, surface printed.

### STANDARDS:

1. Conductors conform to ASTM B-3 & B-8.
2. Insulation conforms to UL Standard 44.
3. Type TC Cable UL 1277 and Type WTTC UL 2277 (1000V)
4. UL 1685 Vertical Flame Test
5. CSA FT4 or IEEE1202 and IEEE-383.
6. Sunlight Resistant
7. Cables meet requirements of ICEA S-73-532 and ICEA S-95-658/NEMA WC70.
8. Cable Suitable for use between cable tray and utilization equipment per NEC 336.10(7) if marked "-ER"

NO.OF CONDS.	BASIC CAT NO.	O.A. mils	O.D. in.	WEIGHT lbs/mft	BASIC CAT NO.	O.A. mils	O.D. in.	WEIGHT lbs/mft
<b>18 AWG – STRANDED</b>								
2	6-2352	45	.31	55	6-2402	45	.34	65
3	6-2353	45	.33	72	6-2403	45	.36	80
4	6-2354	45	.37	89	6-2404	45	.39	100
5	6-2355	45	.42	110	6-2405	60	.44	115
7	6-2357	45	.46	130	6-2407	60	.48	135
9	6-2359	45	.50	167	6-2409	60	.57	175
12	6-2362	45	.59	196	6-2412	60	.61	240
15	6-2365	60	.61	223	6-2415	80	.68	295
19	6-2369	60	.75	254	6-2419	80	.78	345
25	6-2375	60	.84	314	6-2425	80	.87	460
30	6-2381	80	.85	368	6-2431	80	.92	580
37	6-2387	80	.97	438	6-2437	80	.99	665
<b>16 AWG – STRANDED</b>								

OPTIONS: Also available with tinned copper conductors, -G Ground Wire, -SH Mylar Aluminum Foil Shield, -CT Copper Tape Shield

Dimensional data not binding, we reserve the right to alter specifications without notice.  
SHIPPING TOLERANCE +/- 10%



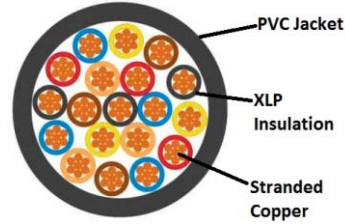
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### CONSTRUCTION:

Stranded copper conductors, XLP insulated, Method 1 - Table E1 or E2 color coded or Method 4 phase-identified, conductors twisted with suitable fillers, PVC jacket overall, surface printed.

### STANDARDS:

1. Conductors conform to ASTM B-3 & B-8.
2. Insulation conforms to UL Standard 44.
3. Type TC Cable UL 1277 and Type WTTC UL 2277 (1000V)
4. UL 1685 Vertical Flame Test
5. CSA FT4 or IEEE1202 and IEEE-383.
6. Sunlight Resistant
7. Cables meet requirements of ICEA S-73-532 and ICEA S-95-658/NEMA WC70.
8. Cable Suitable for use between cable tray and utilization equipment per NEC 336.10(7) if marked "-ER"
9. 2 conductors or more suitable for direct burial applications

No. OF conds.	BASIC cat no.	O.A. mils	O.D. in.	WEIGHT lbs/mft	BASIC cat no.	O.A. mils	O.D. in.	WEIGHT lbs/mft	BASIC cat no.	O.A. mils	O.D. in.	WEIGHT lbs/mft
14 AWG – STRANDED				12 AWG – STRANDED				10 AWG – STRANDED				
2	6-2452	45	.37	73	6-2502	45	.41	96	6-2552	45	.46	130
3	6-2453	45	.39	93	6-2503	45	.44	125	6-2553	45	.49	173
4	6-2454	45	.43	116	6-2504	45	.48	157	6-2554	60	.52	236
5	6-2455	45	.47	140	6-2505	45	.52	191	6-2555	60	.62	287
6	6-2456	45	.49	156	6-2506	60	.60	232	6-2556	60	.67	329
7	6-2457	45	.49	176	6-2507	60	.60	260	6-2557	60	.67	371
8	6-2458	60	.56	210	6-2508	60	.63	290	6-2558	60	.71	415
9	6-2459	60	.62	246	6-2509	60	.70	341	6-2559	60	.79	480
10	6-2460	60	.66	267	6-2510	60	.73	370	6-2560	80	.87	530
12	6-2462	60	.68	303	6-2512	60	.78	430	6-2562	80	.90	645
15	6-2465	60	.76	406	6-2515	80	.85	577	6-2565	80	1.04	826
19	6-2469	60	.80	462	6-2519	80	.93	683	6-2569	80	1.07	993
20	6-2470	80	.87	508	6-2520	80	.97	715	6-2570	80	1.10	1039
25	6-2475	80	.99	644	6-2525	80	1.10	888	6-2575	80	1.27	1323
30	6-2480	80	1.02	728	6-2530	80	1.14	1013	6-2580	80	1.29	1543
37	6-2487	80	1.13	891	6-2537	80	1.24	1188	6-2587	80	1.45	1893

OPTIONS: Also available with tinned copper conductors, -G Ground Wire, -SH Mylar Aluminum Foil Shield, -CT Copper Tape Shield,

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